

Henis Yi

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,280
citations

201385

27
h-index

189595

50
g-index

50
all docs

50
docs citations

50
times ranked

3653
citing authors

#	ARTICLE	IF	CITATIONS
1	Competition between type I activin and BMP receptors for binding to ACVR2A regulates signaling to distinct Smad pathways. <i>BMC Biology</i> , 2022, 20, 50.	1.7	10
2	Complex Formation Among TGF- β 2 Receptors in Live Cell Membranes Measured by Patch-FRAP. <i>Methods in Molecular Biology</i> , 2022, 2488, 23-34.	0.4	2
3	Hypoxia-induced inhibin promotes tumor growth and vascular permeability in ovarian cancers. <i>Communications Biology</i> , 2022, 5, .	2.0	7
4	ALK1 regulates the internalization of endoglin and the type III TGF- β 2 receptor. <i>Molecular Biology of the Cell</i> , 2021, 32, 605-621.	0.9	8
5	Formation of self-organizing functionally distinct Rho of plants domains involves a reduced mobile population. <i>Plant Physiology</i> , 2021, 187, 2485-2508.	2.3	9
6	Ras Diffusion and Interactions with the Plasma Membrane Measured by FRAP Variations. <i>Methods in Molecular Biology</i> , 2021, 2262, 185-197.	0.4	1
7	Autophagy is induced and modulated by cholesterol depletion through transcription of autophagy-related genes and attenuation of flux. <i>Cell Death Discovery</i> , 2021, 7, 320.	2.0	6
8	Zeb2 regulates the balance between retinal interneurons and Müller glia by inhibition of BMP- β 1 Smad signaling. <i>Developmental Biology</i> , 2020, 468, 80-92.	0.9	5
9	Noncatalytic Bruton's tyrosine kinase activates PLC- β 2 variants mediating ibrutinib resistance in human chronic lymphocytic leukemia cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 5717-5736.	1.6	20
10	Phase separation of TAZ compartmentalizes the transcription machinery to promote gene expression. <i>Nature Cell Biology</i> , 2020, 22, 453-464.	4.6	209
11	Cholesterol depletion enhances TGF- β 2 Smad signaling by increasing c-Jun expression through a PKR-dependent mechanism. <i>Molecular Biology of the Cell</i> , 2018, 29, 2494-2507.	0.9	12
12	Dynamin-dependent endocytosis of Bone Morphogenetic Protein2 (BMP2) and its receptors is dispensable for the initiation of Smad signaling. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 76, 51-63.	1.2	16
13	The residue at position 5 of the N-terminal region of Src and Fyn modulates their myristoylation, palmitoylation, and membrane interactions. <i>Molecular Biology of the Cell</i> , 2016, 27, 3926-3936.	0.9	13
14	TGF- β RIII independently binds type I and type II TGF- β 2 receptors to inhibit TGF- β 2 signaling. <i>Molecular Biology of the Cell</i> , 2015, 26, 3535-3545.	0.9	28
15	Rac-mediated Stimulation of Phospholipase C- β 2 Amplifies B Cell Receptor-induced Calcium Signaling. <i>Journal of Biological Chemistry</i> , 2015, 290, 17056-17072.	1.6	19
16	Regulation of TGF- β 2 receptor hetero-oligomerization and signaling by endoglin. <i>Molecular Biology of the Cell</i> , 2015, 26, 3117-3127.	0.9	35
17	Coated Pit-mediated Endocytosis of the Type I Transforming Growth Factor- β 2 (TGF- β 2) Receptor Depends on a Di-leucine Family Signal and Is Not Required for Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 26876-26889.	1.6	23
18	Oligomeric interactions of TGF- β 2 and BMP receptors. <i>FEBS Letters</i> , 2012, 586, 1885-1896.	1.3	74

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19	Accurate Quantification of Diffusion and Binding Kinetics of Non-Integral Membrane Proteins by FRAP. <i>Traffic</i> , 2011, 12, 1648-1657.	1.3	23
20	Formation of Stable Homomeric and Transient Heteromeric Bone Morphogenetic Protein (BMP) Receptor Complexes Regulates Smad Protein Signaling. <i>Journal of Biological Chemistry</i> , 2011, 286, 19287-19296.	1.6	32
21	Raft Protein Clustering Alters N-Ras Membrane Interactions and Activation Pattern. <i>Molecular and Cellular Biology</i> , 2011, 31, 3938-3952.	1.1	42
22	Differential Effects of Prenylation and S-Acylation on Type I and II ROPS Membrane Interaction and Function. <i>Plant Physiology</i> , 2011, 155, 706-720.	2.3	73
23	An S-Acylation Switch of Conserved G Domain Cysteines Is Required for Polarity Signaling by ROP GTPases. <i>Current Biology</i> , 2010, 20, 914-920.	1.8	74
24	Differential Regulation of Phospholipase C- β 2 Activity and Membrane Interaction by G12q, G12i2, and Rac2. <i>Journal of Biological Chemistry</i> , 2010, 285, 3905-3915.	1.6	39
25	Different Domains Regulate Homomeric and Heteromeric Complex Formation among Type I and Type II Transforming Growth Factor- β Receptors. <i>Journal of Biological Chemistry</i> , 2009, 284, 7843-7852.	1.6	28
26	Ras acylation, compartmentalization and signaling nanoclusters (Review). <i>Molecular Membrane Biology</i> , 2009, 26, 80-92.	2.0	113
27	A Role for the Juxtamembrane Cytoplasm in the Molecular Dynamics of Focal Adhesions. <i>PLoS ONE</i> , 2009, 4, e4304.	1.1	69
28	Differential Interference of Chlorpromazine with the Membrane Interactions of Oncogenic K-Ras and Its Effects on Cell Growth. <i>Journal of Biological Chemistry</i> , 2008, 283, 27279-27288.	1.6	28
29	Src kinase activity and SH2 domain regulate the dynamics of Src association with lipid and protein targets. <i>Journal of Cell Biology</i> , 2007, 178, 675-686.	2.3	57
30	FRAP beam-size analysis to measure palmitoylation-dependent membrane association dynamics and microdomain partitioning of Ras proteins. <i>Methods</i> , 2006, 40, 183-190.	1.9	50
31	Cyclodextrins but not Compactin Inhibit the Lateral Diffusion of Membrane Proteins Independent of Cholesterol. <i>Traffic</i> , 2006, 7, 917-926.	1.3	65
32	Clustering of Raft-Associated Proteins in the External Membrane Leaflet Modulates Internal Leaflet H-Ras Diffusion and Signaling. <i>Molecular and Cellular Biology</i> , 2006, 26, 7190-7200.	1.1	66
33	Different Routes of Bone Morphogenetic Protein (BMP) Receptor Endocytosis Influence BMP Signaling. <i>Molecular and Cellular Biology</i> , 2006, 26, 7791-7805.	1.1	230
34	Individual Palmitoyl Residues Serve Distinct Roles in H-Ras Trafficking, Microlocalization, and Signaling. <i>Molecular and Cellular Biology</i> , 2005, 25, 6722-6733.	1.1	187
35	Pathway- and Expression Level-Dependent Effects of Oncogenic N-Ras: p27Kip1 Mislocalization by the Ral-GEF Pathway and Erk-Mediated Interference with Smad Signaling. <i>Molecular and Cellular Biology</i> , 2005, 25, 8239-8250.	1.1	52
36	Differently anchored influenza hemagglutinin mutants display distinct interaction dynamics with mutual rafts. <i>Journal of Cell Biology</i> , 2003, 163, 879-888.	2.3	103

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37	Transforming Growth Factor- $\hat{\Gamma}^2$ Receptors Interact with AP2 by Direct Binding to $\hat{\Gamma}^2$ Subunit. <i>Molecular Biology of the Cell</i> , 2002, 13, 4001-4012.	0.9	115
38	Activated K-Ras and H-Ras display different interactions with saturable nonraft sites at the surface of live cells. <i>Journal of Cell Biology</i> , 2002, 157, 865-872.	2.3	207
39	The Mode of Bone Morphogenetic Protein (BMP) Receptor Oligomerization Determines Different BMP-2 Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2002, 277, 5330-5338.	1.6	484
40	Bone Morphogenetic Protein Receptor Complexes on the Surface of Live Cells: A New Oligomerization Mode for Serine/Threonine Kinase Receptors. <i>Molecular Biology of the Cell</i> , 2000, 11, 1023-1035.	0.9	263
41	Membrane Interactions of a Constitutively Active GFP-Ki-Ras 4B and Their Role in Signaling. <i>Journal of Biological Chemistry</i> , 1999, 274, 1606-1613.	1.6	108
42	Transforming Growth Factor- $\hat{\Gamma}^2$ Induces Formation of a Dithiothreitol-resistant Type I/Type II Receptor Complex in Live Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 5716-5722.	1.6	54
43	Oligomeric Structure of Type I and Type II Transforming Growth Factor $\hat{\Gamma}^2$ Receptors: Homodimers Form in the ER and Persist at the Plasma Membrane. <i>Journal of Cell Biology</i> , 1998, 140, 767-777.	2.3	134
44	Dynamic or Stable Interactions of Influenza Hemagglutinin Mutants with Coated Pits. <i>Journal of Biological Chemistry</i> , 1995, 270, 21075-21081.	1.6	32
45	Mobility of enzymes on insoluble substrates: The α -amylase-starch gel system. <i>Biopolymers</i> , 1988, 27, 123-138.	1.2	21
46	Interaction of Sendai virions with resealed human erythrocyte ghosts Lateral mobility of the viral glycoproteins in the cell membrane following fusion. <i>FEBS Letters</i> , 1988, 228, 281-284.	1.3	2
47	Enzyme diffusion and action on soluble and insoluble substrate biopolymers. <i>Biopolymers</i> , 1985, 24, 257-277.	1.2	13
48	Detection of Sendai virus fusion with human erythrocytes by fluorescence photobleaching recovery. <i>FEBS Letters</i> , 1983, 151, 134-138.	1.3	9
49	Interactions between antagonist-occupied muscarinic binding sites in rat adenohypophysis. <i>FEBS Letters</i> , 1982, 140, 173-176.	1.3	7
50	THE MECHANISM OF NEGATIVE COOPERATIVITY IN RABBIT MUSCLE GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE. <i>Annals of the New York Academy of Sciences</i> , 1981, 366, 217-236.	1.8	3